

CLAIMS

1. A button comprising: a button body (10); and a fixture (40) for fixing the button body (10) to a fabric (2) from the opposite side to the button body with the fabric there between,

5 wherein the button body (10) comprises a shell member (11) constituting an outer shell of the button and an accommodation member (31) stored in the shell member,

the shell member (11) includes a button cover (22) and a neck (14) cylindrically formed on a back side of the button cover and having an opening (17) at an outer edge thereof,

10 the accommodation member (31) includes a shaft (33) accommodated in the neck (14) with a portion thereof protruding from the opening (17) and an insert hole (34) formed on a protruding end face of this shaft for the fixture (40) to be inserted therein, is the accommodation member being made of a material softer at least than that used for forming the neck and allowing for outer expansion of an external form of the shaft to a position outer from the inner contour of the opening when the fixture is inserted into the insert hole, and

crimping parts (18) are formed on one of an inner periphery of the opening (17) or an outer peripheral surface of the shaft (33) at specified positions with a prespecified space therebetween in the circumferential direction so as to crimp into or crimped by the other.

2. The button according to claim 1,

wherein the crimping parts (18) are a plurality of convex parts (19) formed at prespecified positions with a prespecified space therebetween along the inner periphery of the opening (17).

25 3. The button according to claim 2,

wherein the shaft (33) has a round cross section substantially perpendicular to the center line of the shaft.

4. The button according to claim 2 or claim 3,

wherein the convex parts (19) each has a form with the width gradually becoming

smaller from the inner periphery of the opening (17) toward the center of the opening.

5. The button according to claim 1,

wherein the opening (17) has a polygonal form with 5 or more corners and each of the sides forming this polygon functions as the crimping parts (18), and

5 the shaft (33) has a round cross section substantially perpendicular to the center line of the shaft.

6. The button according to claim 1,

wherein the opening (17) has a round form; and

10 the shaft (33) has a polygonal cross section having five or more corners and substantially perpendicular to the center line of the shaft, and the corners of the polygonal cross section function as the crimping parts (18).

7. The button according to any of claims 1 to 6,

wherein the insert hole (34) has steps with the inner diameter thereof becoming smaller step by step from an end face opposite to the protruding end face of the shaft (33) toward the protruding end face.

8. The button according to any of claims 1 to 7,

wherein the shaft (33) has an accommodation portion (33A) having the substantially same inner diameter as that of the neck (14), a protruding portion (33C) protruding from the opening (17) and also crimping into the opening, and an intermediate portion (33B) coupling the accommodation portion to the protruding portion, and a clearance (35) is provided between the intermediate portion and the neck.

9. The button according to any of claims 1 to 8,

wherein a plurality of projected treads (36) are radially provided on the protruding end face of the shaft (33) around the insert hole (34) at with a prespecified angular space, and

the fixture (40) comprises an insert shaft (41) inserted into the insert hole (34) of the accommodation member (31), and a flange (45) integrally formed on a base end of this insert shaft, and further protrusions (46) facing against the projected treads (36) with the fabric (2) therebetween are formed on the inner surface of the flange in the circumferential

direction around the insert hole as a center.

10. The button according to any of claims 1 to 9;

wherein the shell member (11) constituting the button body (10) is made of metal,
and the accommodation member (31) is made of synthetic resin.